

# Converting Colors

Hex(5F5D33)

Have a look what the booklet for  
Hex(5F5D33) contains.

<b>Hex(5F5D33)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5F5D33)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F5D33
RGB	95, 93, 51
RGB Percent	37%, 36%, 20%
CMY	0.6275, 0.6353, 0.8000
CMYK	0.00, 0.02, 0.46, 0.63
HSL	57°, 30%, 29%
HSV	57°, 46%, 37%
XYZ	9.2312, 10.5006, 4.6723
YIQ	88.8100, 14.6740, -12.6380

# Conversions

## Conversions Part 2

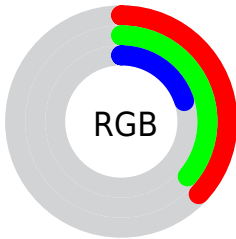
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 95, 51
Decimal	6249779
CIELab	38.73, -6.06, 24.34
CIELCh	39, 25.079, 103.977
Yxy	10.5006, 0.3783, 0.4303
Android (android.graphics.Color)	4284439859 (0xFF5F5D33)
YUV	88.8100, -18.6403, 5.4286
Hunter-Lab	32.4047, -5.8583, 14.1346

# Details

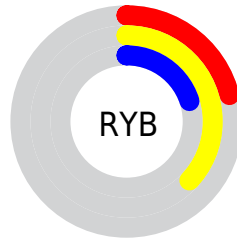
The Hex color **5F5D33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **33355F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **928F62**, and **302F05** is the 20% darker color. If you saturate the color by 10%, you get **5F5D2A**, and if you desaturate by 10%, it is **5F5D3D**.

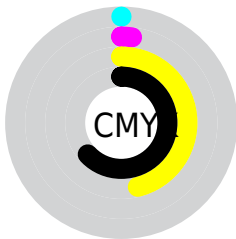
# Distribution



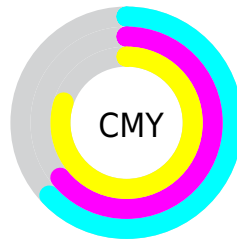
- Red (37%)
- Green (36%)
- Blue (20%)



- Red (21%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (2%)
- Yellow (46%)
- Black (63%)



- Cyan (63%)
- Magenta (64%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F5D33 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5F5D33 by changing the saturation by 10% instead.



■ 5F5D33

■ 5F5D33

FFFFFF

■ 47461D

■ 928F62

■ 302F05

■ ADAA7B

■ 1A1B00

■ C9C595

■ 000000

■ E5E1B0

■ FFFDCC

■ FFFFEE

■ 5F5D33

■ 5F5D33

■ 5F5D2A

■ 5F5D3D

 5F5C20

 5F5E46

 5F5C16

 5F5E50

 5F5B0D

 5F5F59

 5F5B03

 5F5F62

 5F5B00

 5F606C

 5F6076

 5F607F

 5F6189

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



725634



5F5D33



48623D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5F5D33



006477



7C4D67

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5F5D33



33355F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



695279



5F5D33



286082

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5F5D33



0A6664



4D5A83



834B52

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5F5D33



376449



4D5A83



774E6D



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5F5D33



7A7A69



5F3335



3D3D33



BDBDBD



3D3D3D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5F5D33



7A7736



4B5F33



30302C



706B00



F0E500



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33355F



36397A



47335F



2C2C30



000570



000BF0



# Previews

## White Background



This preview shows how the Hex color 5F5D33 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

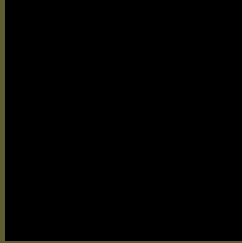
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F5D33 Background



This preview shows how black text looks on a background with the Hex color 5F5D33.



This preview shows how white text looks on a background with the Hex color 5F5D33.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
5F5D33

**Protanopia**  
645B32

**Deuteranopia**  
6F5734



**Tritanopia**  
64585F

# Trichromacy



**Original Color**  
5F5D33

**Protanomaly**  
625C32

**Deuteranomaly**  
695934

**Tritanomaly**  
625A4F

# Monochromacy



**Original Color**  
5F5D33

**Achromatopsia**  
595959

**Achromatomaly**  
5B5A4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F5D33 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5F5D33 looks like.

```
.text, #text, p{  
    color:#5F5D33  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5F5D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5D33
}
```

## Border

The CSS property to change the border of an element to Hex 5F5D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

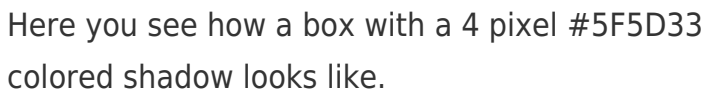
```
.border, #border, table{ border:4px solid
#5F5D33 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5F5D33 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5F5D33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5D33; -webkit-box-shadow:4px 4px  
4px 4px #5F5D33; box-shadow:4px 4px 4px  
4px #5F5D33 }
```

# Background

The CSS property to change the background color of an element to Hex 5F5D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5D33 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5F5D33 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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